

The Joint DoD/DOE Fire-Resistant Enhancement Study

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The Joint DoD/DOE Fire-Resistant Enhancement (FRE) Study was initiated in December, 1992 to provide a system-by-system assessment of the enduring stockpile to evaluate the need for fire resistant enhancements and the relative benefits of various enhancement options. Participants include DNA, DOE, LLNL, LANL, SNL, the Air Force (SA-ALC/NWI), and PLG/LATA, the contractor for risk integration.

Phase 1 of the study has been completed and documented. This phase involved data-gathering and a qualitative risk assessment. Phase 2 is currently underway and consists of defining feasible FRE options, development and implementation of a more quantitative risk assessment and methodology for cost-benefit decision analysis. Over sixty FRE measures have been identified for analysis.

This paper will discuss current status and methodology of the FRE study, and plans for the the final phase, phase 3, which will be completed in FY96.

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